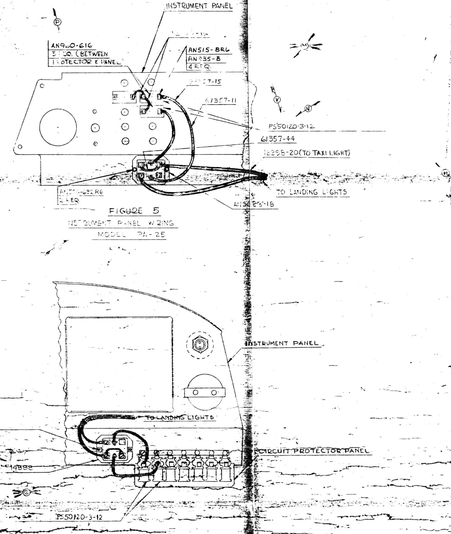


FIGURE 5
17" INSTRUMENT PANEL WIRING
MODEL PA-22-150

FIG. 2
INSTRUMENT PANEL WIRING
MODEL PA-22-150 & PA-22-108

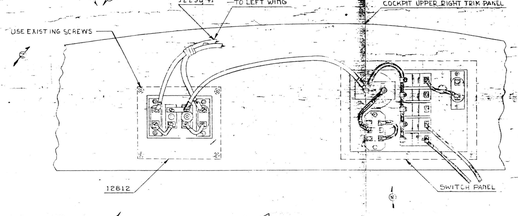
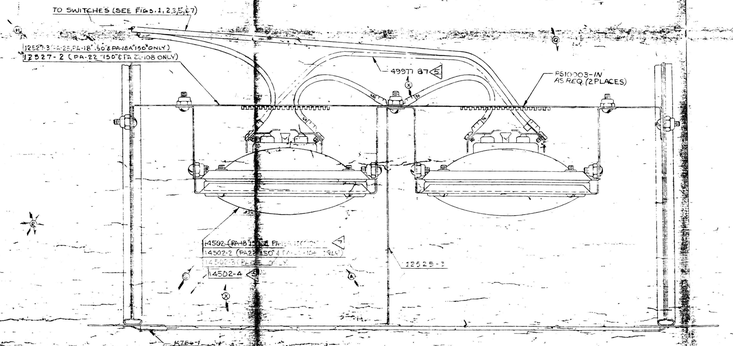


FIG. 1
LIGHT SWITCH & CIRCUIT BREAKER PANEL INST.
MODEL PA-18 150 & PA-18A 150 (WITH GENERATOR POWERED ELECTRICAL SYSTEM ONLY)
(RIGHT SIDE)
SIN 1 FT.



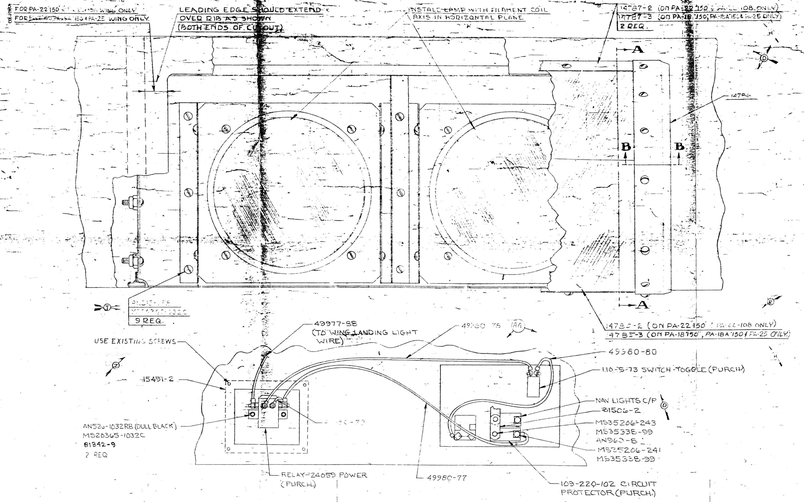


FIGURE 7
SWITCH & SOLENOID INSTL.
SINGLES

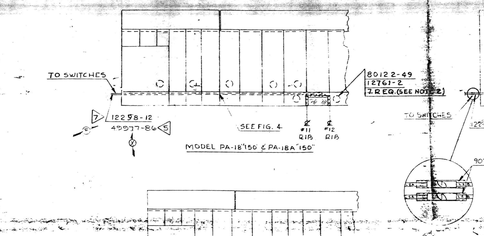
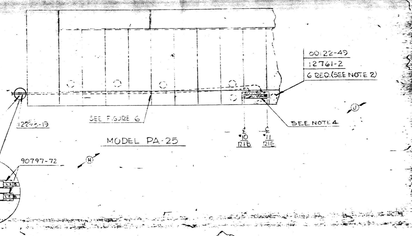


FIG. 3
LIGHT LOCATION & WIRE ROUTING
1/2 IN. = 1 FT.



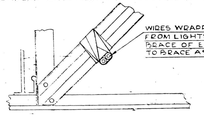


FIG. 4
WIRE ATTACHMENT AT RIB
PA-18-150, PA-18A-150, PA-22-150 & PA-22-108

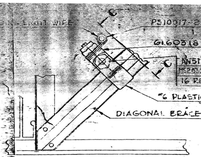
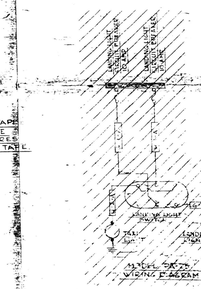
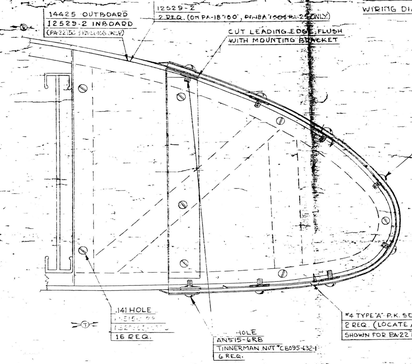
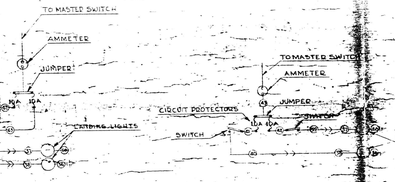


FIG. 6
WIRE ATTACHMENT AT RIB
PA-25 ONLY







NOTES:
5. WHEN THIS INSTALLATION IS MADE, THE FOLLOWING STANDARD AIRCRAFT PARTS SHALL BE OBTAINED.

PART NO.	NO. REQ.	NOMENCLATURE
15617-3	1	COVER PLATE
15617-8	1	

NOTES:
1. THIS INSTALLATION TO BE MADE ONLY ON AIRPLANES INCORPORATING A 12 VOLT ELECTRICAL SYSTEM.
2. GROMMETS 80122-49 MAY BE USED TO UNDERSIDE OF WING TO FACILITATE INSTALLATION. LOCATE APPROX. AS SHOWN COVER OPENINGS WITH INSPECTION COVER 12761-2
4. PAINT SIN. WIDE STRIP ON 14425-3 OR 12529-3 TO PREVENT GLARE. USE DULL BLACK ENAMEL.
5. FOR WIRING DIAGRAM, SEE DWG. 49993 (REF.).
DESIGNATED PARTS ARE USED ONLY ON PA-18 150 WITH ALTERNATOR POWERED ELECTRICAL SYSTEM.
6. FOR WIRING DIAGRAM, SEE DWG. 49993 (REF.).
DESIGNATED PARTS ARE USED ONLY ON PA-18 150 WITH GENERATOR POWERED ELECTRICAL SYSTEM.

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ITEM	QTY	PART NO.	NOMENCLATURE
1	2	MS24694-AN960-10 OR AN960-10L	WASHER, FLAT, STEEL, CAD PLATED
2	1	49977-8W	WIRE ASSY, LANDING LIGHT
3	1	49977-8S	WIRE ASSY, LANDING LIGHT
4	1	12555-19	WIRE ASSY, TAIL LIGHT
5	1	12555-20	WIRE ASSY, TAIL LIGHT
6	1	12298-12	WIRE ASSY, LANDING LIGHT
7	1	12298-17	WIRE ASSY, LANDING LIGHT
8	1	12812	WIRE ASSY, LANDING LIGHT
9	1	49980-77	WIRE ASSY, LANDING LIGHT
10	1	90797-72	WIRE ASSY, LANDING LIGHT
11	1	49993	WIRING DIAGRAM
12	1	49993-1	WIRING DIAGRAM
13	1	49993-2	WIRING DIAGRAM
14	1	49993-3	WIRING DIAGRAM
15	1	49993-4	WIRING DIAGRAM